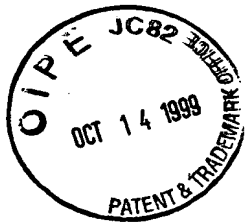


2747

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of: HUOPANIEMI et al.

SERIAL NO.: 09/273,436

EXAMINER:

FILING DATE: 3/22/99

ART UNIT:

TITLE: METHOD AND SYSTEM FOR PROCESSING DIRECTED SOUND
IN AN ACOUSTIC VIRTUAL ENVIRONMENT

ATTORNEY DOCKET NO.: 297-008575-US(PAR)

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

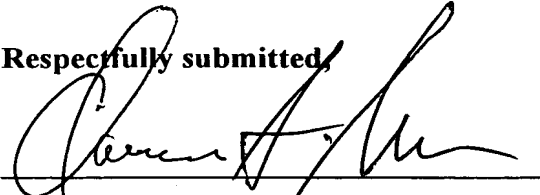
The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

This Supplemental Information Disclosure Statement is being filed before receipt of a first Office Action on the above-identified patent application. Thus, a certification under 37 CFR 1.97 (e) or fee under 37 CFR 1.17 (p) is not required for the information herein to be considered.

The above-identified patent application has a corresponding PCT International Application No. PCT/FI99/00226. Applicants' attorney encloses a copy of a PCT International Search Report issued on the corresponding PCT International Application No. PCT/FI99/00226. The PCT International Search Report cited European Patent Application No. EP 0 735 796, US Patent Nos. US 4,731,848, US 5,485,514, Patent Abstracts of Japan JP 10-042396 and "NNT's Research on Acoustics for Future Telecommunication Services", Miyoshi et al., Applied Acoustics, Vol. 36, No. 3-4, 1992 pp. 307-326.

Copies of the PCT International Search Report and the cited references are enclosed together with PTO-Form 1449.

Respectfully submitted,



Clarence A. Green, Reg. No. 24,622

Perman & Green, LLP

425 Post Road

Fairfield, CT 06430

203-259-1800

12 Oct 99

Date

CERTIFICATE OF MAILING

I hereby certify that the attached Supplemental Information Disclosure Statement, PCT International Search Report, PTO-Form 1449 and references are being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D. C. 20231.

OCTOBER 12, 1999
Date

Deborah J. Clark
Name of Person Making Deposit

**INFORMATION DISCLOSURE
CITATION FORM FOR
PATENT APPLICATION
(FORM PTO-1449)
(Substitute)**

Docket No.: 297-008575-US(PAR)

Serial No.: 09/273,436

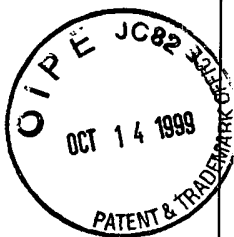
Applicant(s): HUOPANIEMI et al.

Filing Date: 3/22/99

Group:

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
	4,731,848 5,485,514	3/15/88 1/16/96	Kendall et al. Knappe et al.	381 379	63 387	10/22/84 3/31/94



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FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
	EP 0 735 796 A2	10/2/96	Europe	Kabushiki Kaisha Timeware	N/A

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

	Patent Abstracts of Japan JP 10-042396
	"NNT's Research on Acoustics for Future Telecommunication Services", Miyoshi et al., Applied Acoustics, Vol. 36, No. 3-4, 1992 pp. 307-326

Examiner's Signature:

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Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.
Include a copy of this citation form with your next correspondence to the Applicant(s).